

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 63-054223

(公表 02-062371)

(43)Date of publication of application : 08.03.1988

(51)Int.Cl.

B29C 43/44

B30B 5/06

(21)Application number : 61-198758

(71)Applicant : MITSUBISHI RAYON ENG CO LTD

(22)Date of filing : 25.08.1986

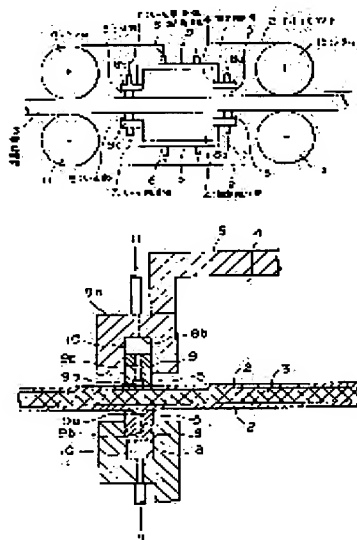
(72)Inventor : SAITO JUGORO
OKAJIMA KIYOTAKA
FUJIWARA HIROSHI

(54) CONTINUOUS PRESSURIZING DEVICE

(57)Abstract:

PURPOSE: To lower the friction and to enhance the sealing effect at each sealing part by a structure wherein a pressing means to press sliding members, each of which is vertically shiftably fitted to each opening peripheral edge part of a pressurizing chamber, towards a conveying belt and a sealing fluid feeding means to feed sealing fluid between said sliding member and said conveying belt respectively are provided.

CONSTITUTION: Sealing fluid 11 is fed in each gap (pressurizing chamber) 10, which is formed by a sliding member 9 and a groove part 8b, in order to feed the fluid 11 through a hole 9b to a recess 9a. Thus, the sealing fluid 11 pushed out of the recess 9a fills a sealing part 5, resulting in preventing pressurizing fluid 6 from flowing outside. In addition, because the sealing fluid 11 forms fluid film at the sealing part 5, the friction between the sliding member 9 and an endless steel belt 2 is lowered. Accordingly, the endless steel belt 2 is transferred by means of small driving force. A matter to be compressed 3 is pinched between the endless steel belts 2 and transferred so as to be subjected to press-working during transferring. The sliding member 9 deforms by following up to the surface waviness of the matter to be compressed 3. Said deformation of the member 9 is absorbed by the pressurizing chamber 10. As a result, the sealing effect at the sealing part 5 is improved and at the same time the efflux of the sealing fluid 11 can be minimized.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office